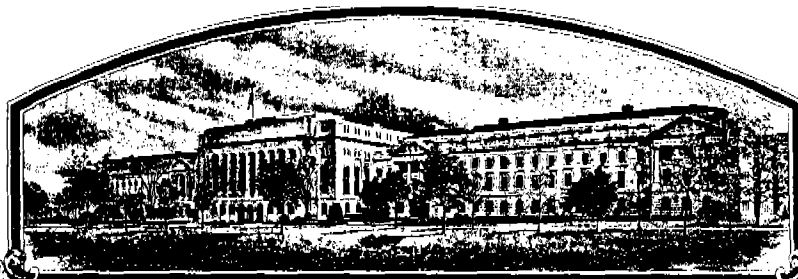


No.

7100045



THE UNITED STATES OF AMERICA

TO ALL TO WHOM THESE PRESENTS SHALL COME:

J. Joordens' Zaadhandel B.V.

Whereas, THERE HAS BEEN PRESENTED TO THE
Secretary of Agriculture

AN APPLICATION REQUESTING A CERTIFICATE OF PROTECTION FOR AN ALLEGED NOVEL VARIETY OF SEXUALLY REPRODUCED PLANT, THE NAME AND DESCRIPTION OF WHICH ARE CONTAINED IN THE APPLICATION AND EXHIBITS, A COPY OF WHICH IS HEREUNTO ANNEXED AND MADE A PART HEREOF, AND THE VARIOUS REQUIREMENTS OF **LAW** IN SUCH CASES MADE AND PROVIDED HAVE BEEN COMPLIED WITH, AND THE TITLE THERETO IS, FROM THE RECORDS OF THE **PLANT VARIETY PROTECTION OFFICE**, IN THE APPLICANT(S) INDICATED IN THE SAID COPY, AND **WHEREAS**, UPON DUE EXAMINATION MADE, THE SAID APPLICANT(S) IS (ARE) ADJUDGED TO BE ENTITLED TO A CERTIFICATE OF PLANT VARIETY PROTECTION UNDER THE **LAW**.


NOW, THEREFORE, THIS CERTIFICATE OF PLANT VARIETY PROTECTION IS TO GRANT UNTO THE SAID APPLICANT(S) AND THE SUCCESSORS, HEIRS OR ASSIGNS OF THE SAID APPLICANT(S) FOR THE TERM OF *seventeen* YEARS FROM THE DATE OF THIS GRANT, SUBJECT TO THE PAYMENT OF THE REQUIRED FEES AND PERIODIC REPLENISHMENT OF VIABLE BASIC SEED OF THE VARIETY IN A PUBLIC REPOSITORY AS PROVIDED BY **LAW**, THE RIGHT TO EXCLUDE OTHERS FROM SELLING THE VARIETY, OR OFFERING IT FOR SALE, OR REPRODUCING IT, IMPORTING IT, OR EXPORTING IT, OR USING IT IN PRODUCING A HYBRID OR DIFFERENT VARIETY THEREFROM, TO THE EXTENT PROVIDED BY THE **PLANT VARIETY PROTECTION ACT**. THE UNITED STATES SEED OF THIS VARIETY (1) SHALL BE SOLD BY VARIETY NAME ONLY AS CERTIFIED SEED AND (2) SHALL CONFORM TO THE NUMBER OF GENERATIONS OF THE OWNER OF THE RIGHTS. (84 STAT. 1542, AS AMENDED, 7 U.S.C. 2321 ET SEQ.)

PERENNIAL RYEGRASS

'Game'

In Testimony Whereof, I have hereunto set my hand and caused the seal of the Plant Variety Protection Office to be affixed at the City of Washington this 11th day of March in the year of our Lord one thousand nine hundred and eighty.

Attest:


Commissioner
Plant Variety Protection Office
Grain Division
Agricultural Marketing Service


Secretary of Agriculture



APPLICATION FOR PLANT VARIETY PROTECTION CERTIFICATE

INSTRUCTIONS: See Reverse.

1. VARIETY NAME OR TEMPORARY DESIGNATION		2. KIND NAME	FOR OFFICIAL USE ONLY	
GAME		PERENNIAL RYEGRASS 8/28/78	PV NUMBER	7129 7145 8/23/79
3. GENUS AND SPECIES NAME		4. FAMILY NAME (Botanical)	FILING DATE	TIME
Lolium perenne		GRAMINAE 8/28/78	4.28.72	10 A.M.
		5. DATE OF DETERMINATION	FEE RECEIVED	BALANCE DUE
		1963	\$ 250	\$ —
			\$ 250	\$ —
			\$ 250.00	\$ 1-28-80
6. NAME OF APPLICANT(S)		7. ADDRESS (Street and No. or R.F.D. No., City, State, and ZIP Code)		8. TELEPHONE AREA CODE AND NUMBER
J. Joordens' Zaadhandel B.V.		Kazernestraat 6 VENLO/BLERICK The Netherlands		8/28/78 077-21545 (503) 620-6777
9. IF THE NAMED APPLICANT IS NOT A PERSON, FORM OF ORGANIZATION: (Corporation, partnership, association, etc.)		10. STATE OF INCORPORATION		11. DATE OF INCORPORATION
Incorporation BV = Inc.		The Netherlands		3 Oct. 1931
12. Name and mailing address of applicant representative(s), if any, to serve in this application and receive all papers:				
The Landis Company Inc. P.O. Box 385 WAUPACA Wisc. 8/22/78 LANDIS SEED (WEST) LTD. 17930 LAKE HAVEN DRIVE LAKE OSWEGO, OR 97034				

13. CHECK BOX BELOW FOR EACH ATTACHMENT SUBMITTED:

- ☒ 13A. Exhibit A, Origin and Breeding History of the Variety (See Section 52 of the Plant Variety Protection Act.)
- ☒ 13B. Exhibit B, Botanical Description of the Variety
- ☒ 13C. Exhibit C, Objective Description of the Variety
- ☒ 13D. Exhibit D, Data Indicative of Novelty
- ☒ 13E. Exhibit E, Statement of the Basis of Applicant's Ownership

14A. Does the applicant(s) specify that seed of this variety be sold by variety name only as a class of certified seed? (See Section 83(a). (If "Yes," answer 14B and 14C below.) ☒ YES ☐ NO

14B. Does the applicant(s) specify that this variety be limited as to number of generations? ☒ YES ☐ NO

14C. If "Yes," to 14B, how many generations of production beyond breeder seed? ☒ FOUNDATION ☐ REGISTERED ☐ CERTIFIED

The applicant declares that a viable sample of basic seed of this variety will be deposited upon request before issuance of a certificate and will be replenished periodically in accordance with such regulations as may be applicable.

The undersigned applicant(s) of this sexually-reproduced novel plant variety believes that the variety is distinct, uniform, and stable as required in Section 41 and is entitled to protection under the provisions of Section 42 of the Plant Variety Protection Act.

Applicant is informed that false representation herein can jeopardize protection and result in penalties.

4 - 11 - 1975
(DATE)

J. Joordens' Zaadhandel B.V.
(SIGNATURE OF APPLICANT)

(DATE)

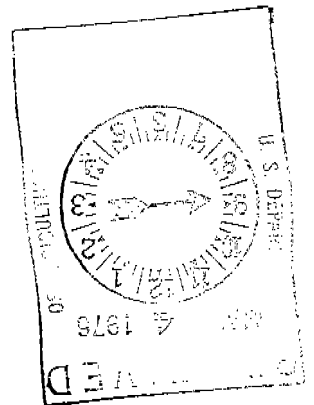
(SIGNATURE OF APPLICANT)

INSTRUCTIONS

GENERAL : Send an original copy of the application, exhibits and \$250.00 fee to U.S. Dept. of Agriculture, Agricultural Marketing Service, Grain Division, 6525 Belcrest Road, Hyattsville, Maryland 20782. (See Section 180.175 of the regulations and rules of practice.) Retain one copy for your files. All items on the face of the form are self-explanatory unless noted below.

ITEM

- 5 Insert the date the applicant determined that he had a new variety based on the definition in Section 41 (a) of the Act and decision is made to increase the seed.
- 13a First, give the genealogy, including public and commercial varieties, lines, or clones used, and the breeding method. Second, give the details of subsequent stages of selection and multiplication. Third, indicate the type and frequency of variants during reproduction and multiplication and state how these variants may be identified. Fourth, provide evidence on stability.
- 13b First, give any special characteristics of the seed and of the plant as it passes through the seedling stage, flowering stage and the fruiting stage. Second, describe the mature plant and compare it with a similar commercial variety grown under the same conditions, and indicate the differences.
- 13c A supplemental form will be furnished by the PVPO to describe in detail a variety for each kind of seed.
- 13d Provide complete data indicative of novelty. Seed and plant specimens or photographs of seed and plant comparisons clearly indicating novelty may be submitted. Seeds submitted may be sterile.
- 13e Indicate whether applicant is the **actual** breeder, the employer of the breeder, the owner through purchase or inheritance, etc.'





J. JOORDENS' ZAADHANDEL N.V.

2e GRAAF VAN LOONSTRAAT 40
TELEFOON 04700-21545 (2 LIJNEN)
POSTREKENING 1 03 18 19

VENLO-BLERICK

Telegram-adres: JOORDENS VENLO

Bankiers: BANK VAN HAFMANS & STEEGH N.V., VENLO
AMSTERDAM-ROTTERDAM BANK N.V., VENLO

Erkend Selectiebedrijf voor Landbouwzaden

VENLO-BLERICK,
HOLLAND

EXhibit A : Origin and breeding history of the variety GAMØ.

Breeding ~~xxxxx~~ started in 1960 by collecting a great number of plants from old pastures and roadsides. The harvested seed is sown out in small plots which are mown very short during 3 years. After 3 years the surviving plots have given seed and this seed is bulked to produce the first breedersseed.



J. JOORDENS' ZAADHANDEL B.V.

KAZERNESTRAAT 6
TELEFOON 077-21545*

VENLO-BLERICK

POSTREKENING 1031819
K.V.K. VENLO NR 1006
TELEX NUMMER 58412

TELEGRAM ADRES JOORDENS VENLO

AMROBANK N.V. VENLO NR 48.40.40.480

Erkend kweekbedrijf voor Landbouwzaden

VENLO-BLERICK 16-4-1976
HOLLAND

Statement of stability.

The variety GAME is grown in Holland during 5 years.

All control-samples were found within the limit, regarding:

- date of ear emergency.
- plant height.
- ear length.
- growth habit.
- broadness of leaves.

Alle kopen en verkopen geschieden, wanneer niet anders overeengekomen op Algemene Handelsvoorwaarden (A.H.V.Z.)-Leveringen af hier. Goederen reizen voor rekening en risico van de koper. - Alle betalingen dienen te geschieden binnen 30 dagen te rekenen vanaf factuurdatum. - Bij contante betaling 1 % korting. - Bij niet tijdige betaling is rente verschuldigd te rekenen vanaf de vervaldatum. - Alle kosten van inning zowel gerechtelijk als buitengerechtelijk komen ten laste van koper. De kredietbeperkingstoelag mag bij betaling binnen een maand in mindering worden gebracht.



J. JOORDENS' ZAADHANDEL B.V.

Postbus 7823

5995 ZG Kessel LB

AMROBANK NV VENLO
NUMMER 48.40.40.480
POSTREKENING 1031819
K.V.K. VENLO NR 1006
TELEX NUMMER 58412
TELEFOON 04762-1888

pj.

KESSEL (Holland), 30-10-1979,
OYEN 3A

Subject: Perennial ryegrass Application 7245, Variety GAME.

Exhibit D. Novelty Statement.

The most similar variety to the variety GAME is the variety Pennfine.

The variety GAME differs from the variety Pennfine by a later heading date.
(GAME 18 MAY. Pennfine 15 MAY).

The variety GAME has a broader flag leaf width (GAME 4.3, Pennfine 3.1) and the
flag leaf length is longer (GAME 14.3, Pennfine 10.8)

Also there is a difference in spike length.

The variety GAME has a spike length of 20 cm and the variety Pennfine has a spike length
of 19.5 cm.

"GAME"

Objective Description of Cultivars

RYEGRASS
(*Lolium* spp.)

1. SPECIES:

- 2 1=L. multiflorum (annual or Italian: includes Westerwoldicum)
2=L. perenne (perennial) 3=L. rigidum (includes Wimmera)
4=Hybrid (of species) 5=Other (specify)

2. PLOIDY:

- 1 1=Diploid 2=Tetraploid 3= Other (specify) _____

3. DURATION:

- 1=Annual or biennial 2=Short lived perennial (3-4 years)
3=Perennial (more than 4 years)

STANDARD CULTIVARS

- 1=Gulf 2=Wimmera 62 3=Linn 4=Pelo
5=Norlea 6=Aberystwyth S-23 7=Manhattan 8=Pennfine

4. MATURITY (50% Headed): (Use standard cultivars from above.)

- 3 1=Very early 3=Early 5=Medium 7=Late 9=Very late
0 Days earlier than 2 standard cultivar
0 Days later than 2 standard cultivar

5. MATURE PLANT HEIGHT: (Use standard cultivars from above.)

- 40 cm. High 10 cm. Shorter than 4 standard cultivar
1 0 1 2 0 cm. Taller than 0 standard cultivar

6. PERCENT WINTER DAMAGE (estimated as percent of the area appearing dead):
(Use standard cultivars from above.)

- | | | | |
|--|--|---|--|
| | | 0 | Percent damage of application cultivar |
| | | 0 | Percent damage of 4 standard cultivar after frost of - 15 C° |

7. TURF DENSITY: (Use standard cultivars from above.)

- | | | | |
|---|---|---|---|
| | | | Tillers per 100 sq. cm. |
| 2 | 0 | % | Less tillers per 100 sq. cm. than 4 standard cultivar |
| 2 | 0 | % | More tillers per 100 sq. cm. than 3 standard cultivar |

8. FLAG LEAF (at full growth): (Use standard cultivars from above.)

- | | | | | | | | | |
|---|---|---|--------------------------|----------------------------|------------|-------------------|--|--|
| | | | cm. | Length(from ligule to tip) | | | | |
| 1 | 0 | % | xm. | Shorter than | 4 | standard cultivar | | |
| | | | cm. | Longer than | | standard cultivar | | |
| | | | mm. | Width (at widest point) | | | | |
| 1 | 0 | % | mm. | Narrower than | 4 | standard cultivar | | |
| | | | mm. | Wider than | | standard cultivar | | |
| | | | Flag leaf at boot stage: | 1=Deflexed | 3=Recurved | 5=Horizontal | | |
| | | 3 | | 7=Semi-erect | 9=Erect | | | |

9. LEAVES:

- ☐ Vernation: 1=Leaves rolled in young shoots
 2=Leaves semi-rolled (folded with rolled edges)
 3=Leaves folded in young shoots
☐ ☐ ☐ % Plants with anthocyanin in lower leaf sheath
☐ Foliage color: 1=yellow green 2=medium green 3=blue green

10. SPIKE:

- | | | | | | | | | | | | |
|--|--|--|-----------------|--|------------------|--|--|--|--|---|--|
| <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr></table> | | | | | | | | | | mm. Spike length (tip to internode below lowest floret) | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td> </td><td> </td></tr><tr><td> </td><td> </td></tr></table> | | | | | mm. Shorter than | } (Use standard cultivars from above.) | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td> </td><td> </td></tr></table> | | | mm. Longer than | | | | | | | | |
| | | | | | | | | | | | |



J. JOORDENS' ZAADHANDEL B.V.

Postbus 7823

5995 ZG Kessel LB

AMROBANK NV VENLO
NUMMER 48.40.40.480
POSTREKENING 1031819
K.V.K. VENLO NR 1006
TELEX NUMMER 58412
TELEFOON 04762-1888

pj.

KESSEL (Holland), 30-10-1979,
OYEN 3A

Perennial Ryegrass Application No. 7245, Variety GAME.

There were 4 times 25 plants.

Flagleafwidth(MM)

	1975	1976	average
Variety Game	4.0-4.4	4.3-4.7	4.3.
Variety Pennfine	2.6-3.2	3.0-3.6	3.1.
100 measurements			

Flagleaflength(CM)

	1975	1976	average
Variety Game	13.7-14.7	14.0-14.8	14.3.
Variety Pennfine	10.3-10.9	10.6-11.4	10.8.
100 measurements			

Headingdate

	1975	1976	average
Variety Game	18 May	17 May	18 May
Variety Pennfine	15 May	15 May	15 May

Spikelength

	1975	1976	average
Variety Game	19.0-20.0.	20.0-21.0	20.
Variety Pennfine	17.5-19.5	20.0-21.0	19.5.

60 measurements

9

Alle kopen en verkopen geschieden, wanneer niet anders overeengekomen op Algemene Handelsvoorwaarden (A.H.V.Z.)-Leveringen af hier. Goederen reizen voor rekening en risico van de koper. - Alle betalingen dienen te geschieden binnen 30 dagen te rekenen vanaf factuurdatum. - Bij niet tijdige betaling is 1 % rente per maand verschuldigd te rekenen vanaf de vervaldatum. - Alle kosten van inning zowel gerechtelijk als buitengerechtelijk komen ten laste van koper. De kredietbeperkingtoeslag mag bij betaling binnen een maand in mindering worden gebracht.



J. JOORDENS' ZAADHANDEL B.V.

KAZERNESTRAAT 6
TELEFOON 077-21545*

VENLO-BLERICK

POSTREKENING 1031819
K.V.K. VENLO NR 1006
TELEX NUMMER 58412

TELEGRAM ADRES JOORDENS VENLO
AMROBANK N.V. VENLO NR 48.40.40.480
Erkend kweekbedrijf voor Landbouwzaden

VENLO-BLERICK 16-4-1976
HOLLAND

Statement of homogeneity GAME.

GAME

JAMESTOWN

date of ear maturity days after 1 april.

47 sigma 4,5

39 sigma 8,2

flagleave width

4,4 mm sigma 0,5

2,7 mm sigma 0,5

flagleave lenth

12 cm sigma 2,6

11,4 cm sigma 2,8

planthight

72 cm sigma 7,3

91 cm sigma 9,7

ear length

15,4 cm sigma 2,8

12,1 sigma 2,9

growth habit (9 = erect , 0 = flat)

3,8

3,3



J. JOORDENS' ZAADHANDEL N.V.

2e GRAAF VAN LOONSTRAAT 40
TELEFOON 04700 - 21545 (2 LIJNEN)
POSTREKENING 1 03 18 19

VENLO-BLERICK

Telegram-adres: JOORDENS VENLO

Bankiers: BANK VAN HAFMANS & STEEGH N.V., VENLO
AMSTERDAM - ROTTERDAM BANK N.V., VENLO

Erkend Selectiebedrijf voor Landbouwzaden

VENLO-BLERICK,
HOLLAND

Exhibit B : Botanical description of the variety GAME.

Species: Lolium perenne

GAME is an early heading variety with an extreme flat growth. The ears are rather short and some ears are extreme short. The leaves are very fine and have a rather light green colour. In lawns the variety shows a good colour, a fine texture and a firm sod. Game is rather susceptible to rust.



J. JOORDENS' ZAADHANDEL N.V.

2e GRAAF VAN LOONSTRAAT 40
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Erkend Selectiebedrijf voor Landbouwzaden

VENLO-BLERICK,
HOLLAND

EXHIBIT E: Statement of the Basis of applicant's Ownership.

Hereby we declare that the variety of Perennial Ryegrass "GAME" (formerly "PERSISTENTA") is created on our own breeding station by Ingenieur Marc Joordens and is owned totally and allone by our company.

J. Joordens' Zaadhandel N.V.
2e Graaf van Loonstraat 40
Venlo/Blerick, Holland



J. JOORDENS' ZAADHANDEL B.V.

KAZERNESTRAAT 6
TELEFOON 077-21545*

VENLO-BLERICK

POSTREKENING 1031819
K.V.K. VENLO NR 1006
TELEX NUMMER 58412

TELEGRAM ADRES JOORDENS VENLO

AMROBANK N.V. VENLO NR 48.40.480

Erkend kweekbedrijf voor Landbouwzaden

VENLO-BLERICK
HOLLAND

16-4-1976

Statement.

The variety GAME has never been released as a public variety under the name of Persistenta.

11

Alle kopen en verkopen geschieden, wanneer niet anders overeengekomen op Algemene Handelsvoorwaarden (A.H.V.Z.)-Leveringen af hier. Goederen reizen voor rekening en risico van de koper. - Alle betalingen dienen te geschieden binnen 30 dagen te rekenen vanaf factuurdatum. - Bij contante betaling 1 % korting. - Bij niet tijdige betaling is rente verschuldigd te rekenen vanaf de vervaldatum. - Alle kosten van Inning zowel gerechtelijk als buitengerechtelijk komen ten laste van koper. De kredietbeperkingstoeslag mag bij betaling binnen een maand in mindering worden gebracht.



J. JOORDENS' ZAADHANDEL B.V.

2e GRAAF VAN LOONSTRAAT 40
TELEFOON 04700-21545 (2 LIJNEN)

VENLO-BLERICK

POSTREKENING 1031819
K.V.K. VENLO NR 1006
TELEX NR 58412

Telegram-adres: J. JOORDENS VENLO

Bankier: ABRO-BANK N.V. VENLO NR 48.40.40.460

Erkend kweekbedrijf voor Landbouwzaden

The Landis Company Inc.

P.O. Box 385,

WAUPACA. (Wisc.) U.S.A.

VENLO-BLERICK, 26 - 7 - 1973.
HOLLAND

Variety: "IBSD" VENLONA

Species: Perennial ryegrass fine texture

Breeder: J. Joordens'Zaadhandel B.V.
2e Graaf van Loonstraat 40
VENLO-BLERICK. The Netherlands

Method of breeding: Mother plants collected in old pastures in The Netherlands, selected out after 5 years in lawns.

Description: IBSD is a early heading variety with a rather dark green colour and very fine leaved. It forms a dense turf and has a very fine texture. The variety is very similar to GAME but has a darker colour and makes in lawns a better general impression. Also seed yield seems to be at the same level as GAME.

Sole agency for North America: The Landis Company Inc. WAUPACA (Wisc.)

Source of breedersseed: J. Joordens'Zaadhandel B.V. through Landis Company

Alle kopen en verkopen geschieden, wanneer niet anders overeengekomen, op Algemeen Handelsvoorwaarden (A.H.V.Z.) - Leveringen af hier. Goederen reizen voor rekening en risico van de koper. - Alle betalingen dienen te geschieden binnen 60 dagen te rekenen vanaf factuurdatum. - Bij vooraf betaald 1% korting. - Bij niet tijdige betaling is verschuldigd rente ad. 8% 's jaars, te rekenen vanaf de vervaldatum. - Alle kosten van inning, zowel gerechtelijk als buitengerechtelijk komen ten laste van debiteur.



J. JOORDENS' ZAADHANDEL B.V.

KAZERNESTRAAT 6
TELEFOON 077-21545*

VENLO-BLERICK

POSTREKENING 1031819
K.V.K. VENLO NR 1006
TELEX NUMMER 58412

TELEGRAM ADRES JOORDENS VENLO

AMROBANK N.V. VENLO NR 48.40.40.480

Erkend kweekbedrijf voor Landbouwzaden

VENLO-BLERICK
HOLLAND

20-12-1976

VENLONA.

The variety is very similar to Game but it has a darker colour and makes a better general impression in lawns.

Game has about the same colour as Premo, Venlona has a more darker colour.

Figures obtained from I.V.R.C. Wageningen The Netherlands.



J. JOORDENS' ZAADHANDEL B.V.

KAZERNESTRAAT 6
TELEFOON 077-21545*

VENLO-BLERICK

POSTREKENING 1031819
K.V.K. VENLO NR 1008
TELEX NUMMER 58412

TELEGRAM ADRES JOORDENS VENLO

AMROBANK N.V. VENLO NR 48.40.40.480

Erkend kweekbedrijf voor Landbouwzaden

VENLO-BLERICK 20-12-1976
HOLLAND

Handwritten signature

ANNEX V

Breedersseed is produced by selecting out about 1000 seedlings
remove all offtypes and bulk the rest.

This seed is multiplied and stocked, severaly dried back for
6-8 years.

Each year a part of this seed is used for producing pre-basicseed.



J. JOORDENS' ZAADHANDEL B.V.

KAZERNESTRAAT 6
TELEFOON 077-21545*

VENLO-BLERICK

POSTREKENING 1031819
K.V.K. VENLO NR 1006
TELEX NUMMER 58412

TELEGRAM ADRES JOORDENS VENLO

AMROBANK N.V. VENLO NR 48.40.480 -

Erkend kweekbedrijf voor Landbouwzaden

VENLO-BLERICK
HOLLAND

3-12-1976

Venlona

Annex VI Agronomic and botanical information.

Inflorescence	one awned ear. some ears are shorter.(glomerated)
Ear aperance	3-5 days later than Pennfine.
Ear length	short as Pennfine.
Flagleaf width	small as Pennfine.
Growth habit	flat as Pennfine.

Differances with Pennfine.

Venlona is some days later in headingtime and has a longer culumlength.

The other characteristics are nearly the same.



J. JOORDENS' ZAADHANDEL B.V.

KAZERNESTRAAT 6
TELEFOON 077-21545*

VENLO-BLERICK

POSTREKENING 1031819
K.V.K. VENLO NR 1008
TELEX NUMMER 58412

TELEGRAM ADRES JOORDENS VENLO

AMROBANK N.V. VENLO NR 48.40.40.480

Erkend kweekbedrijf voor Landbouwzaden

VENLO-BLERICK 3-12-1976
HOLLAND

Annex B.

Turf performance.

	Venlona	Game
Density.	8	7
Leaf texture	9	8½
Colour	medium dark	light green
Cold resistance	8	8
Drought tolerance	8	8
Survival(after 3 years)	7	6
Pest resistance	?	?
Reaction to pesticides	normal	normal
Compatibility in mixture	agressive	agressive

Figures obtained in own trials during 1974, 1975 and 1976.



J. JOORDENS' ZAADHANDEL B.V.

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AMROBANK N.V. VENLO NR 48.40.480
Erkend kweekbedrijf voor Landbouwzaden

VENLO-BLERICK
HOLLAND

3-12-1976

Annex C.

Seedproduction.

	Manhattan	Venlona	Game
Yield of corn seed	470 lbs.	1150 lbs.	1100 lbs.
Rust resistance	4	8½	9
Seed size	small	small	small
Seed fertility	average	very good	very good
Nematode resistance	?	?	?

Alle kopen en verkopen geschieden, wanneer niet anders overeengekomen op Algemene Handelsvoorwaarden (A.H.V.Z.)-Leveringen af hier. Goederen reizen voor rekening en risico van de koper. - Alle betalingen dienen te geschieden binnen 30 dagen na rekening van af leveringsdatum. - Bij contracte betaling 1/3 bij levering. Bij niet

J. C. Conk

NATIONAL CERTIFIED GRASS VARIETY REVIEW BOARD

Submit 9 copies of application and supporting material to:
Donald H. Brewer, Chairman, National Certified Grass Variety Review Board,
102 Farm Crops Building, Oregon State University
Corvallis, Oregon 97331

(The criteria for evaluation of applications was developed by
the National Grass Variety Review Board and the AOSCA.)

Applicant's name J. JOORDENS 'ZAADHANDEI B.V. Date 2-12-1976

Address Kazernestraat 6 Venlo-Elerick. The Netherlands

Sponsoring institution (if other than applicant) _____

Breeder's name (if other than applicant) applicant is the breeder

Variety name VENIONA Experimental designation _____

Species: Common name Perennial ryegrass Latin name Lolium perenne

Primary use: Forage (), Range (), Erosion control (☒), Turf (☒).

If this variety is accepted by official certifying agencies, when will certified seed first be offered for sale? Date not yet

The breeder or the sponsoring institution or organization must describe and DOCUMENT in this application those characteristics of the variety which give it distinctiveness and merit by supplying the information requested below.
Action will be deferred unless application is sufficiently documented.

I. Summarize advantages over similar varieties and/or other distinguishing characteristics which demonstrate merit for certification. (Refer to tables to support summary.) early heading. flat growing. variety special used for lawns. Venlon is rather similar to Game, but is differs by its darker colour.

II. Germplasm source, breeding procedure, population size, and time sequence, including dates used in developing variety. _____

The variety is bred out of a collection, made out of a old pastures on sandy soils in the Netherlands.

A large number of ecotypes is tested under several turf treatments. after 5 years the best survived plots with a relative dark colour are bulked together and formed the breeder seed of Veniona.

III. Area of probable adaptation, including moisture requirement (rainfall or irrigation). Report States and areas within States where the variety has been tested. Indicate proposed areas of recommendation and merchandising.

Northern and North/ east states

IV. Evidence of performance, including comparative data and statements on yield (in pounds per acre), insect or disease resistance (state causal organism if known), and other factors. Data may be from tests conducted by private firms or Agricultural Experiment Stations, and shall include appropriate check varieties which are used extensively in area of intended usage. Report only items on which you can accurately do so and support with data. Make appropriate references to tables used.

A. Forage Production (attach tabular data)

1. Comparative yields at specified locations

not tested

2. Persistence (cold and drought tolerance, survival, etc.)

Persistence is better than Galt.

3. Pest resistance (including degree of tolerance to specific diseases, insects, nematodes)

fairly good.

4. Other, such as chemical composition, leafiness, digestibility, palatability, etc.

very leafy material.

B. Turf Performance (attach tabular data)

1. Comparative performance on plant density, leaf texture, color and other quality characteristics _____

see Annex D.

2. Persistence (cold and drought tolerance, survival) cold and drought tolerance=

8 ; survival = 7-

3. Pest resistance (or degree of tolerance to disease, insects, nematodes)

?

4. Reaction to commercial pesticides normal

5. Compatibility with other grasses in mixture agressive

6. Others _____

C. Seed Production (attach tabular data)

1. Comparative yield at specified locations _____

see Annex C.

2. Pest resistance (including degree of tolerance to disease, insects, nematodes)

?

3. Other (seed size, fertility, etc.) _____

seed size = small fertility = very good.

V. Describe how breeder seed is produced and the procedure for maintaining and producing stock seed classes, seed classes to be used, a statement as to the limitation and sequence of generations that may be certified, and any other requirements or limitations necessary to maintain varietal characteristics.*

VI. Agronomic and botanical information of value to field inspectors. Report only on identifying characteristics for which you have data.

- A. Type and characteristics of inflorescence (panicle, head, awned, awnless, etc.)
- B. Special identifying markers (pubescence, leaf, stem, color, etc.)
- C. Uniformity of agronomic characteristics and flowering (specify time and/or conditions)
- D. Seasonal dormancy, drought, heat, cold tolerance
- E. Growth habits:
 - Seedling vigor
 - Cool vs. warm season
 - Bunch, rhizomatous, stoloniferous
 - Basal vs. non-basal leaves
 - Annual, perennial, persistence
- F. Plant height at maturity
- G. Seed characteristics (including size, color and shape)
- H. Other (including obvious disease and/or insect characteristics, pubescence, color, etc.)

Vento-Plant 6-12-1976

Signature of applicant

J. JOORDENS' ZAADHANDEL B.V.

J. M. Joordens.

*

At the time a variety is accepted for certification, a sample seed lot of the generation or generations requested by the certifying agency shall be submitted to the certifying agency by the sponsor. This lot(s) is to be retained as a control sample against which all future seed stocks released for certified seed production may be compared to establish continued trueness to variety.